OMB Control No.: 2127-0004

Part 573 Safety Recall Report

16E-007

Manufacturer Name: Continental Automotive Systems, Inc.

Submission Date: FEB 03, 2016 NHTSA Recall No.: 16E-007 Manufacturer Recall No.: NR



Manufacturer Information:

Manufacturer Name: Continental Automotive Systems, Inc.

Address: One Continental Drive

Auburn Hills MI 48326 Company phone : 248 393-5300

Population:

Number of potentially involved: 5,000,000

Estimated percentage with defect: 0

Equipment Information:

Brand / Trade : Airbag Control Unit

Model: N/A
Part No.: N/A
Size: N/A
Function: Airbags

Descriptive Information: The ACUs control all vehicle restraint systems, including all airbags.

Production Dates : JAN 01, 2006 - DEC 31, 2010

Description of Defect:

Description of the Defect : Due to variations in the manufacturing process of the ACU's power supply

component ("ASIC"), corrosion in the semiconductor material could lead to swelling within the layers of the semiconductor. This could lead to an interruption of internal electrical connections, which could then lead to a failure of the ASIC

component.

FMVSS 1 :NR FMVSS 2 :NR

Description of the Safety Risk: If the ASIC component fails, the ACU could malfunction and cause certain

components to deactivate, which will then cause the airbag warning lamp to illuminate. If the system is not replaced, all restraint systems, including the airbags may not deploy in a crash, which could increase the risk of serious

injury or death.

Additionally, in certain vehicles manufactured by Daimler AG and FCA US LLC, there is a risk of an inadvertent deployment of the airbags if the ACU malfunctions, which could increase the risk of a crash and/or injuries. In these vehicles, the airbag warning lamp will illuminate and the system should be replaced.

Description of the Cause: Due to variations in the manufacturing process of the ACU's power supply

component ("ASIC"), corrosion in the semiconductor material could lead to swelling

within the layers of the semiconductor. This could lead to an interruption of internal electrical connections, which could then lead to a failure of the ASIC component.

Identification of Any Warning that can Occur: The airbag warning lamp will immediately illuminate if the ACU detects a malfunction.

Supplier Identification:

Component Manufacturer

Name: Atmel Corporation

Address: 1600 Technology Drive

San Jose CALIFORNIA 95110

Country: United States

Chronology:

See attached.

Description of Remedy:

Description of Remedy Program: N/A

How Remedy Component Differs from Recalled Component : Atmel Corporation improved the design and production process of the ASIC component.

Identify How/When Recall Condition was Corrected in Production : Atmel Corporation implemented

countermeasures on March 7, 2008 and April 4, 2008 to reduce the likelihood of the corrosion and a corrective action on May 28, 2008 to prevent the corrosion from occurring in the future.

Recall Schedule:

Description of Recall Schedule: N/A

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date: NR - NR

Purchaser Information:

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name: Kia Motors

Address: 111 Peters Cyn. Road

Irvine CA 92606

Country: US

Company Phone: NR

Name: FCA US LLC

Address: 800 Chrysler Drive

Auburn Hills MI 48326-2757

Country: US

Company Phone: 2485762579

Name : Mercedes-Benz USA, LLC Address : 303 Perimeter Center N

Atlanta GA 30346

Country: US

Company Phone: NR

Name : Mazda North American Operations Address : 1025 Connecticut Avenue, NW

DC 20036

Country: US

Company Phone: NR

Name : Volvo Trucks North America Address : 7900 National Service Road

Greensboro NC 27409

Country: US

Company Phone: NR

Name: American Honda Motor Company

Address: 1919 Torrance Blvd.

Torrance CA 90501-2746

Country: US

Company Phone: NR

Name: Volkswagen Group of America, Inc.

Address: 3800 Hamlin Road

Auburn Hills MI 48326

Country: US

Company Phone: NR

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* NR - Not Reported		
The information contained in this rep	port was submitted pursuant to 49 CFR §573	